

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER G-05-050

Relating to Independent Contractor Approval under
Section 91207, Title 17, California Code of Regulations

Energy Environmental Solutions, Incorporated

WHEREAS, the Air Resources Board (ARB), pursuant to section 41512 of the California Health and Safety Code, has established the procedures contained in sections 91200-91220, title 17, California Code of Regulations, to allow the use of independent testers for compliance tests required by the ARB;

WHEREAS, it has determined that Energy Environmental Solutions, Incorporated meets the requirements of the ARB for conducting ARB Test Methods 1, 2, 3, 4, 5, 8, 100 (CO, CO₂, NO_x, O₂, SO₂, THC) and Visible Emissions Evaluation (VEE) pursuant to sections 91200-91220, title 17, California Code of Regulations when the following conditions are met:

1. Energy Environmental Solutions, Incorporated acquires a micrometer and uses it for calibration of its isokinetic sampling nozzles.
2. Energy Environmental Solutions, Incorporated permanently marks or engraves an identification number on each of its pitot tubes and isokinetic sampling nozzles.
3. Energy Environmental Solutions, Incorporated's standard dry gas meter calibration conforms to United States Environmental Protection Agency Test Method 5, Section 7.1.
4. Energy Environmental Solutions, Incorporated calibrates its magnehelic gauges after each test series.
5. Energy Environmental Solutions, Incorporated develops and maintains a calibration log for its isokinetic sampling nozzles, probe heater, and field and standard dry gas meters.
6. Energy Environmental Solutions, Incorporated acquires and uses brushes for its probes and nozzles which conform with ARB Test Method 5, Section 2.2.1.
7. Energy Environmental Solutions, Incorporated acquires and uses calibrated weights for its balance.

8. Energy Environmental Solutions, Incorporated acquires and uses the following reagents as required for ARB Test Method 8: Isopropanol, Barium Perchlorate, Sulfuric Acid, and Hydrogen Peroxide.
9. Energy Environmental Solutions, Incorporated uses the noncalculating channels on its Yokogawa HR2400 recorder or a simple strip chart that meets the requirements of ARB Test Method 100, Section 2.2.8.
10. Energy Environmental Solutions, Incorporated shall use Mr. Ken Kumar as the Source Test Engineer, on site, in charge of, and participating in, all testing using any of the above methods. Mr. Kumar shall also review all test reports using any of these methods.
11. The person performing VEE is certified to conduct VEE by a certifying body recognized by the ARB at the time of the test.

WHEREAS, the ARB's Executive Officer pursuant to Health and Safety Code section 39516 issued Executive Order G-02-008 delegating to the Chief of the ARB's Monitoring and Laboratory Division the authority to approve independent testers in accordance with title 17, California Code of Regulations, sections 91200-91220;

NOW, THEREFORE, I, William V. Loscutoff, Chief of the ARB's Monitoring and Laboratory Division, order that Energy Environmental Solutions, Incorporated is granted an approval, from the date of execution of this order, until June 30, 2006 to conduct the tests listed above, subject to compliance with sections 91200-91220, title 17, California Code of Regulations;

BE IT FURTHER ORDERED that during the approved period the Executive Officer or his or her authorized representative may field audit one or more tests conducted pursuant to this order for each type of testing listed above.

Executed at Sacramento, California this 17th day of June 2005.

Original signed by

William V. Loscutoff, Chief
Monitoring and Laboratory Division